

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2299	375/341	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:31
L2	1425	375/262	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:31
L3	612	714/794	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:31
L4	972	714/795	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:32
L5	409	714/796	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:32
L6	1538	group with initial with state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:32
L7	7	1 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:32
L8	5	2 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:37

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L9	3	3 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:36
L10	4	4 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:36
L11	2	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:35
L12	2	"5917863".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:54
S1	6	("6577679" "6647061" "6671322"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:09
S2	1	"10/044207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:44
S3	1	"10/603388"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:23
S4	10	("20010035994" "20010035997" "20020012152" "20020060827" "20020080898").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:24

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S5	3	sequences with initial with state same (symbol) same (candidate same decision)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 20:50
S6	3	sequences with initial with state same (symbol) same (candidate) same (decision)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 19:42
S9	3	sequence\$5 with initial with state same (symbol) same (candidate) same (decision)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 19:43
S11	3	sequences with initial with state same (symbol) same (candidate) same decision)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 20:50
S12	245	viterbi with high with rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 06:51
S13	388	viterbi with high near speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 06:52
S14	4	viterbi with high near speed with group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:10
S15	19	group with initial with state and viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 21:32

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S16	82	high with data with rate with viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:29
S17	29	high near data near rate with viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:37
S18	0	candidate with (each or all) near (initial adj state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 07:38
S19	0	viterbi and "candidate adj path"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:13
S20	131	viterbi and candidate adj path	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:14
S21	2	viterbi and ((candidate adj path) same (error near metric))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:17
S22	30	(sequence with estimat\$3) with (candidate with path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:40
S23	30	(sequence with (estimat\$3 or identificat\$3)) with (candidate with path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:41

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S24	6	(sequence with (estimat\$3 or identificat\$3)) with (candidate with path) with select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:42
S25	2	(sequence with (estimat\$3 or identificat\$3)) with (candidate near path) with select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:43
S26	2	(sequence with (estimat\$3 or identificat\$3)) with (candidate near path) same select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:44
S27	4	(sequence with (estimat\$3 or identificat\$3)) with (candidate near path) and select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:52
S28	3	(sequence with (estimat\$3 or identificat\$3)) with (candidate adj (path or seuquence)) and select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:53
S29	231	(sequence with (estimat\$3 or identificat\$3)) with (candidate adj (path or sequence)) and select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:53
S30	24	(sequence with (estimat\$3 or identificat\$3)) with (candidate adj (path or sequence)) same select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:53
S31	8	(sequence with (estimat\$3 or identificat\$3)) with (candidate adj (path or sequence)) with select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:55

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S32	36	(sequence with (estimat\$3 or identify\$3)) with (candidate adj (path or sequence)) with select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:56
S33	13963	(sequence with (estimat\$3 or identify\$3)) with (candidate adj (path or sequence)) with select\$3 viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:56
S34	5	(sequence with (estimat\$3 or identify\$3)) with (candidate adj (path or sequence)) with select\$3 and viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:56
S35	0	viterbi and raghupathy.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 16:01
S36	81	viterbi and liu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 16:01
S37	39	viterbi and liu.in. and low with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 16:02
S38	5	viterbi and liu.in. and low with power and high with performance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 16:02

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"viterbi algorithm" AND group AND "initial states"

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...73 5.8 Schematic view on the forward algorithm . . . . . 74 5.9  
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training for segment models...  
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- ☐ **2. Speech Recognition 2** [PPT-2MB]  
May 2003  
...model Solution: Forward Algorithm and **Viterbi Algorithm** Decoding: Problem: Find  
state sequence...of observation sequence Solution: **Viterbi Algorithm** Training:  
Problem: Adjust model parameters...system 1. Initialize state list with **initial states** for  
time t=0 2. Clear state list for...  
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Mar 2000  
...The other approach uses a segmentation-based meth- od. Given a sequence of  
primitive segments derived from a word image, and a **group** of possible words, we seek  
for a top-level segmentation that maximizes the average matching score between  
respective characters...  
[http://www.math.tau.ac.il/~nin/papers/ijdar99.pdf]  
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SEQUENCE**  
**KALLIOJÄ / RVI, Kari / NOKIA MOBILE PHONES LTD., PATENT COOPERATION  
TREATY APPLICATION**, Aug 2000  
...digital sequence. In some cases the **Viterbi algorithm** will not be able to provide a  
single...and C.W. Baum: "A Reliability Output **Viterbi Algorithm** with Applications to  
Hybrid ARQ", IEEE...retransmit the whole CRC-protected **group** of subsequences. The  
novel features...  
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- ☐ **5. Viterbi decoding method and circuit therefor**

Refine you  
using thes  
found in t  
bearer


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Or refine  
All of the

Refine

**Soich, Iwamura / Jeon, Jin-kyu / Samsung Electronics Co., Ltd., EUROPEAN PATENT**, Oct 1997

...initial decoded data of the next **group** to de-**group** the decoded data. Said step (c...peak data with respect to two **initial states** and outputting reverse decoded...initial decoded data of the next **group** connected to the final decoded...

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**Yao, Zhengrong / Li, Haibo**, Jan 2003

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☐ **12. A Networked Yawn Detector**

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...phoneme and word boundaries, we have to allow for transitions that link the terminal states of any predecessor HMM to the **initial states** of any successor HMM. In such a way, we can compute the joint probability of observing the sequence of acoustic input...  
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On a turbo decoder design for low power dissipation By Jia Fei Dissertation submitted to the Faculty of the Virginia Polytechnic Institute and State University in partial fulfillment of the requirements for the degree of Master of Science In Electrical Engineering Dr. Dong S. Ha, Chairman Dr. F.

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Compton Professor David L. Neuhoﬀ Professor Wayne E. Stark Associate Professor Kim A.

Winick c Rza Nuriyev All rights reserved 2003 To My Parents ii ACKNOWLEDGEMENTS

First and foremost, I would like to thank my advisor, Prof.

[<http://www.eecs.umich.edu/~rza/research/papers/thesis....>]

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training for segment models...  
[[http://genes.mit.edu/documents/ohler\\_diss.pdf](http://genes.mit.edu/documents/ohler_diss.pdf)]  
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- ☐ **2. Speech Recognition 2** [PPT-2MB]  
May 2003  
...model Solution: Forward Algorithm and **Viterbi Algorithm** Decoding: Problem: Find  
state sequence...of observation sequence Solution: **Viterbi Algorithm** Training:  
Problem: Adjust model parameters...system 1. Initialize state list with **initial states** for  
time t=0 2. Clear state list for...  
[<http://isl.ira.uka.de/~metze/Speech.2.Lecture+.ppt>]  
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Mar 2000  
...The other approach uses a segmentation-based meth- od. Given a sequence of  
primitive segments derived from a word image, and a **group** of possible words, we seek  
for a top-level segmentation that maximizes the average matching score between  
respective characters...  
[<http://www.math.tau.ac.il/~nin/papers/ijdar99.pdf>]  
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- ☐ **4. METHOD AND DEVICE FOR ESTIMATING THE RELIABILITY OF A DECODED SYMBOL  
SEQUENCE**  
**KALLIOJÄ / RVI, Kari / NOKIA MOBILE PHONES LTD., PATENT COOPERATION  
TREATY APPLICATION**, Aug 2000  
...digital sequence. In some cases the **Viterbi algorithm** will not be able to provide a  
single...and C.W. Baum: "A Reliability Output **Viterbi Algorithm** with Applications to  
Hybrid ARQ", IEEE...retransmit the whole CRC-protected **group** of subsequences. The  
novel features...  
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- ☐ **5. Viterbi decoding method and circuit therefor**

Your query  
"viterbi alg  
group AND  
We did this  
quotes to c  
and by rem  
essential w  
- Repeat v

Refine yo  
using the  
found in t  
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[least signifi](#)  
[redundancy](#)  
[sync.byte](#)  
[synchroniza](#)  
[transmitter](#)  
Or refine  
All of the

Refine

**Soich, Iwamura / Jeon, Jin-kyu / Samsung Electronics Co., Ltd., EUROPEAN PATENT**, Oct 1997

...and initial decoded data of the next **group** to de-**group** the decoded data. Said step (c) may comprise...negative peak data with respect to two **initial states** and outputting reverse decoded data of...state of initial decoded data of the next **group** connected to the final decoded data of...

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**Yao, Zhengrong / Li, Haibo**, Jan 2003

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**Engels, Steve**, Jan 2003

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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